Linear
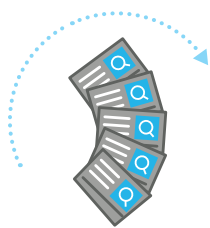

LINEAR BLUEPASS™ MOBILE CREDENTIAL MANAGEMENT ECOSYSTEM FOR ACCESS CONTROL

BLUEPASS COMBINES SMARTPHONE MOBILE CREDENTIALS AND A CREDENTIAL MANAGEMENT CLOUD WITH MULTI-TECHNOLOGY BLUETOOTH®/125 kHz READERS FOR A MORE SECURE, CONVENIENT APPROACH TO ACCESS CONTROL.
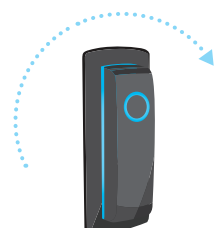
BLUEPASS ECOSYSTEM COMPONENTS

Credentials-To-Go™ Cards

BluePass

Mobile Credentials Management Cloud

One App for All Roles

Multi-tech Reader

Please visit **NortekControl.com**, or contact your local Sales Manager.

BluePass™ Redefines Credential Management for Access Control Systems

The BluePass Credential Management Ecosystem combines smart device-based electronic-credentials with the BluePass Mobile Credential Management Cloud and a multi-technology Bluetooth®/125 kHz Proximity reader to make credential management more secure and easier to use than ever before.

BluePass **reduces the total cost of ownership** by extending the life of existing system controller and hardware, while allowing a smooth migration to mobile credentials with cloud-based credential management and issuance.

Ease-of-Use for End-Users and System Managers

End-users experience a new level of convenience as their Bluetooth-enabled smartphone becomes a mobile credential for their existing access control system – eliminating the need to carry a fob or card, and worries about lost fobs or cards.

System managers can convert existing access systems to electronic credentials over time. The BluePass multi-technology reader works with existing cards and fobs, while enabling mobile credentials on the BluePass app.

Three Technologies Combine for Exceptional User Experience

Bluetooth LE technology provides the secure transmission of the credential to the reader. Capacitive Touch-and-Present™ uses patented technology to transmit your data when in range. Like a traditional card, just touch and go by presenting the phone to the reader. 125 kHz technology leverages your legacy credentials until they are no longer needed.

Unlike other offerings which require users to rotate their smart devices 90 degrees to activate Bluetooth signaling, or having to open an app and press an "enter" button, the BluePass user experience is identical to cards and fobs—simply present the phone to the multi-tech reader to request access. This approach is far more natural and intuitive.

The app that transmits the credential to the reader uses very little power and merely needs to be running in the background. The app acts as a wallet and can store multiple credentials.

Cutting Edge Mobile Credentials for Efficient Access Issuance and Management

The BluePass access solution provides for a lower cost of deployment from both an issuance and maintenance standpoint. An invitation is sent to end users' email to download the app and their credentials—an easier, faster process compared to physical cards and fobs. The time and money saved by simply logging on and emailing users offers a tremendous advantage over other traditional credential technologies.

Ease of Use and Cost Savings for Widespread Market Adoption

The BluePass is designed for simple use and lower cost of ownership. With Credentials-To-Go, it's fast and easy for the user to purchase more credentials. Select the amount needed, or order more when supply is depleted. Multiple credential credits packaged in card form are redeemable on the BluePass Cloud. No physical delivery or waiting for keys or fobs. Credentials-To-Go is as easy as redeeming a card online, with instantaneous delivery. Save money on shipping and deployment costs, Save time by emailing credentials instead of tracking down and delivering traditional cards by hand.

Linear BluePass™ is a Mobile Credential Issuance System and Reader With Both Bluetooth® and Legacy Reader Capability

The customer's existing access control system is an easy retrofit. Controllers that support traditional 5-wire Wiegand-type readers are no problem for Linear BluePass compatibility (including Nortek Security & Control's Linear access control system).


BluePass multi-technology readers (Bluetooth and 125 kHz 26 to 37 bit card & fob compatible) which can be installed using existing wiring. For access, simply touch the reader and present the credential
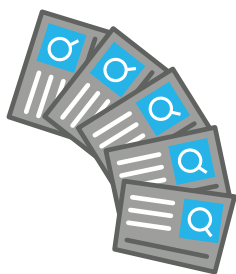
One App:

• For dealers, provides ability to register, set range and update the firmware

• For end users, a secure credential when paired with Android or Apple iOS Bluetooth smart devices

BluePass cloud service for easy and fast management and issuance of credentials.
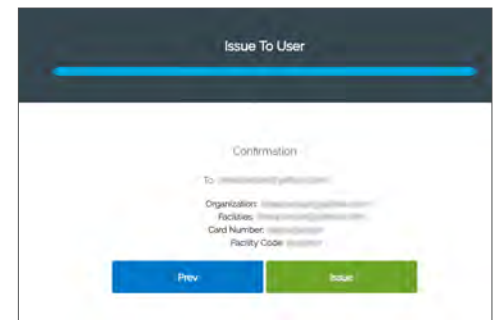
The BluePass Issuance Access Ecosystem

Physical tokens representing mobile credential "credits" are sold via distribution/dealers

BluePass

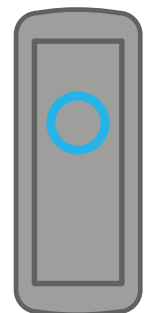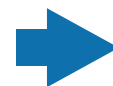Credential-To-Go Cards available in 5, 25, 50 and 100 packages

Mobile Credential Management BluePass Cloud Service

One app covers all credentials:

• Installer
• Standard

2-N-1 Reader

Designed for mullion and single-gang applications

BLUEPASS™ MULTI-TECH READER

Wiegand-based Combination RFID 125 kHz & Bluetooth 2-N-1 Reader

Features

- Bluetooth LE compatible

- RFID Proximity 26 to 37-bit Wiegand-Based 125 kHz. Pass through of bit length

- Capacitive touch technology prevents inadvertent access while patented technology eliminates gesturing or requirements to open the app

- Easily convert legacy 125 kHz cards and systems to electronic credentials with emulation conversion technology

- FCC, RoHs, UL Standard 294

- Waterproof IP65

- Wiegand 26 to 37-bit interface/output

- Voltage: +5.5 - 16 VDC at the reader. Regulated power supply and 12 VDC at the reader is recommended for best operation.

- Current Draw: 100 - 200 mA typical, 225 mA max peak @ 12 VDC low-power mode. Bright light power mode available.

- Operating temperature: –40° F to 149° F (–40° C to + 65° C)

Mobile App

Download the app, keep Bluetooth on, get in range and go!

Simply present your phone to the reader and it provides the same user experience as a traditional prox-card/fob

Download the app, use for quick access management on-the-go!

When administrator credential is issued: Provides ability to register, set-up and update reader.

Reader installation: One-time enrollment of reader to cloud, Presets for power and animation, Adjustable BLE range, Reader firmware upgrades, LED for energy savings, Future capabilities

Reader:

- Multi-technology based, compatible with popular 26 to 37-bit 125 kHz cards and fobs

- Includes a single-gang adaptor plate: Can be mounted in single-gang and mullion-mount configurations.

Cloud with Emulation Conversion Technology (ECT)

ECT provides the ability to seamlessly transition from legacy to electronic credentials by issuing the end-user a Bluetooth identification number that is identical to their existing card or fob. This eliminates the need to reprogram or edit end-user profiles in an existing access system, and preserves continuity of the access records and event log. This allows end users to use their old card or fob and smart phone interchangeably.

Here's how it works:

-Download a CSV file from the existing access control system containing the end-users' names, e-mail addresses and card verification numbers.

-Upload this file into the BlueCloud management system, allowing issuance of credential numbers that are identical to each end-users' existing card and fob numbers.

No need to spend hours, days or weeks reprogramming or adding new user credential numbers to the access system when you can simply reuse the existing numbers in the system. It's that easy!

Order Part Numbers

Model #	Part #	Description
CTG-05	820-00005	Credentials-To-Go Card, 5 Credits
CTG-25	820-00025	Credentials-To-Go Card, 25 Credits
CTG-50	820-00050	Credentials-To-Go Card, 50 Credits
CTG-100	820-00100	Credentials-To-Go Card, 100 Credits
2N1-BTPRX	820-00001	2-N-1 BluePass Crossover Reader BLE/125 kHz

NORTEK™
SECURITY & CONTROL

Oct. 2018